SB2no-316/14-15

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. ***First & Final*** (For Other Works) Date 28.2.'15 2015

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated……

Sub Divisional **Work Code: 011-15-000010**

Schedule Docket No. Head of Account: **P-1771** **Est. Cost: 15.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Construction of Rainwater Harvesting Structure and Recharging Pits in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.**

Name of Contractor and Full Address: ***Sri Mohan Kumar. V, Contractor, # 530, Kuvempunagara 2nd Stage, Bangalore.***

Reference to Agreement No. **EE/BTP/BBMP/ E-PMT/07(13874)/WO/183/2014-15** Date: 07/01/15

Certified that the measurements were taken by me on 28/2/15 and recorded of **Pages** 184341 **to** 184356 of measurement Book No. 1844 and that the work is satisfactorily executed.

V. Mohan Kumar.

Contractor 28/2 **Officer-in-charge of work**

Certified that the measurement were taken by me on ……and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Sub Division
Vidyaranyapura
BBMP, Bangalore-97

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being ……percent Rs……	
3)	" Balance	
4)	Deduct Payment:	
	a. Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No……. Amount adjusted towards cash advance recovery of	P.S and Bill 1470335=00
	b. Payments Now made: cost store or other material supplied.	
	recovery of amount creditable to this/other work	IT 14703=00
	Amount paid on this bill Cheque / Cash.	VAT 58813=00
		SD 88220=00
		LWF 14703=00
		WBF 1470=00
		Roy 15808=00
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	Total ded 193717=00
7)	Net amount due to or from Contractor unadjustments items.	By Cheque 12,76618=00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

V. Mohan Kumar.
Contractor's Signature

Received Rs…….. (in words)……

……

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

1470335=00

(For use in the Office)

193717=00

Witness
1.
2.

Dated Signature of Contractor V. Mohan Kumar.

Stamp

Paid by me by Cheque No……Dated…… 12,76,618=00

Cash Rs……..

Dated……

Initials of Officer making payment

Executive Engineer 16/2/15

Sl. No.		Unit
1	Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
1A	For Main Tank Above 1.5 Mtrs Depth Add 25% Extra	
2	Providing and filling in foundation with granite / trap broken metal 100mm, and down size, with approved sand including had packing, ramming, watering, including cost of all materials and labour with all lead and lift, etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
3	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
4	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of **class designation 50 (table moulded) with cement mortar 1:4 for basement and superstructure** including cost of materials, labour charges, scaffolding, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
5	Providing and removing centering, shuttering, strutting, propping etc., and **removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm** including cost of all materials, labour etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
6	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
7	**Providing mild steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc., complete and as per the directions of the Engineer-in-charge of the work	Qtl
8	Providing and fixing plaster mesh 200mm wide manufactured out of hot dipped galvanished iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between and brick walls including cost materials, labour, for fixing complete as per specifications. (length of mesh only be measured for payment.) etc., complete and as per the directions of the Engineer-in-charge of the work	m
9	Providing 15m thick cement plaster in single coat with cement mortar 1:3,tobrick masonry including rounding off corners wherever reuired smooth rendering, Providing and removing scaffolding, including cost of materials, labour. Curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
10	Extra for providing and mixing water proofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufactures, for cement mortar 1:3, 20mm thick cost of materials etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
11	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm
12	0750 - Supply and Providing Aggregate 40 mm and below etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
13	0749 - Supply and Providing Aggregate 20 mm and below etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
14	0731 - Supply and Providing Sand etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
15	Providing PVC Rain Water Pipes and Fittings ISI Standards 4" Single socket Pipe 110 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	M
16	Providing PVC Rain Water Pipes Specials Plain Bend etc., complete and as per the directions of the Engineer-in-charge of the work	

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	26.68	260.00	6936.80	26.68	6936.80	
-	-	16.73	324.00	5420.52	16.73	5420.52	
-	-	2.59	1926.00	4988.34	2.59	4988.34	
-	-	2.59	4757.00	12320.63	2.59	12320.63	
-	-	7.56	6597.00	49873.32	7.56	49873.32	
-	-	11.57	308.46	3568.88	11.57	3568.88	
-	-	4.19	5952.00	24938.88	4.19	24938.88	
-	-	5.03	7828.00	39374.84	5.03	39374.84	
-	-	119.70	47.00	5625.90	119.70	5625.90	
-	-	34.38	196.00	6738.48	34.38	6738.48	
-	-	34.38	13.00	446.94	34.38	446.94	
-	-	16.07	249.00	4001.43	16.07	4001.43	
-	-	0.16	800.00	128.00	0.16	128.00	
-	-	0.16	100.00	16.00	0.16	16.00	
-	-	0.16	1450.00	232.00	0.16	232.00	
-	-	80.00	867.00	69360.00	80.00	69360.00	
-	-	13.00	161.00	2093.00	13.00	2093.00	

Sl. No.		Unit
16A	Plain Tec	
17	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) **25mm** dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments etc., complete and as per the directions of the Engineer-in-charge of the work	m
18	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) **20mm** dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments etc., complete and as per the directions of the Engineer-in-charge of the work	m
19	Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each
20	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each
21	Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer block or blue and inner white layer of approved quality and make conforming to etc., complete and as per the directions of the Engineer-in-charge of the work	Ltr
22	Relevant Plumbing accessories for inlet and outlet with out FFL including Filter etc., complete and as per the directions of the Engineer-in-charge of the work	No.
23	1HP Submersible centrifugal force pump of approved make with all necessary fittings including wiring switch board, starter etc., and Electronic Automatic Equipment (Programmable Logic Control) etc., complete and as per the directions of the Engineer-in-charge of the work	LRQ
24	Square Tank Cover "ISI" marked 24'x24x pf 100kg in weight etc., complete and as per the directions of the Engineer-in-charge of the work	L/S
25	Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
26	Laying reinforced cement concrete pipe NP4 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications, **A.1000 mm dia,** etc., complete and as per the directions of the Engineer-in-charge of the work	M
27	Providing and filling in foundation with granite / trap broken metal 100mm, and down size, with approved sand including had packing, ramming, watering, including cost of all materials and labour with all lead and lift, etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
28	0734 - Supply and Providing Aggregate 53 mm nominal size etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
29	0750 - Supply and Providing Aggregate 40 mm and below etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
30	0749 - Supply and Providing Aggregate 20 mm and below etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
31	0731 - Supply and Providing Sand etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
32	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal**, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc., complete and as per the directions of the Engineer-in-charge of the work	Cum
33	**Providing mild steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc., complete and as per the directions of the Engineer-in-charge of the work	Qtl
34	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick etc., complete and as per the directions of the Engineer-in-charge of the work	Sqm

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	8.00	343.00	2744.00	8.00	2744.00	
-	-	30.00	280.00	8400.00	30.00	8400.00	
		30.00	195.00	5850.00	30.00	5850.00	
		5.00	625.00	3125.00	5.00	3125.00	
		5.00	255.00	1275.00	5.00	1275.00	
		1000.00	6.00	6000.00	1000.00	6000.00	
		1.00	9000.00	9000.00	1.00	9000.00	
		1.00	18000.00	18000.00	1.00	18000.00	
		3.00	5009.00	15027.00	3.00	15027.00	
		169.65	259.00	43939.35	169.65	43939.35	
		60.00	11866.00	711960.00	60.00	711960.00	
		9.43	1926.00	18162.18	9.43	18162.18	
		14.14	720.00	10180.80	14.14	10180.80	
		9.43	810.60	7643.96	9.43	7643.96	
		9.43	1000.00	9430.00	9.43	9430.00	
		9.43	1450.00	13673.50	9.43	13673.50	
		8.77	5952.00	52199.04	8.77	52199.04	
		5.26	7828.00	41175.28	5.26	41175.28	
		330.00	630.00	207900.00	330.00	207900.00	

Sl. No.		Unit
35	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
36	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr
	Total	
	1% for Third Party Inspection Charges	
	Grand Total	

CERTIFICATE :

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
		145.00	317.00	45965.00	145.00	45965.00	
		211.99	76.00	16111.24	211.99	16111.24	
				1483825.31		1483825.31	
				14838.25		14838.25	
				1498663.56		1498663.56	

1470335=

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

1470335=